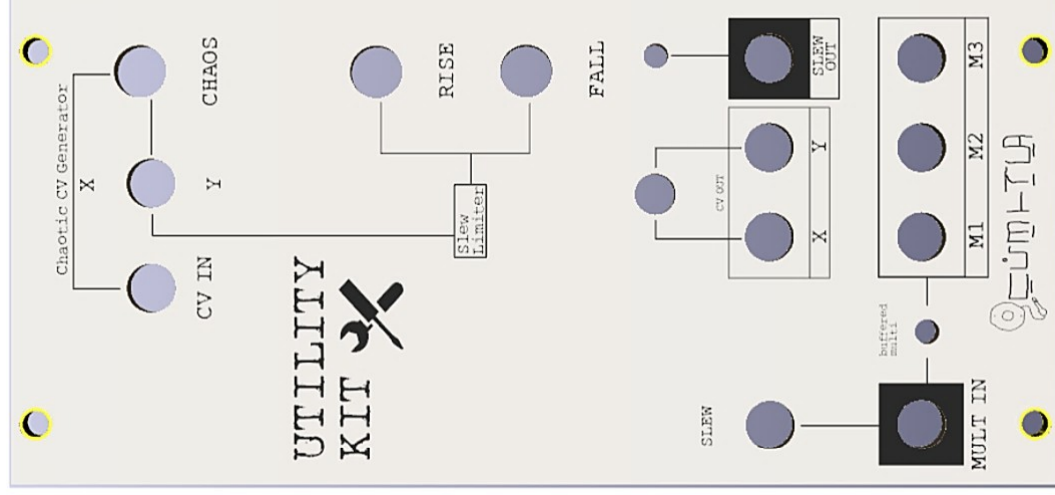
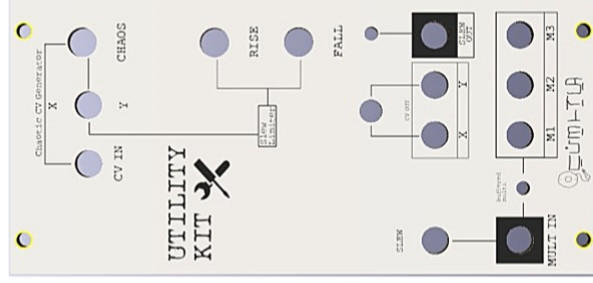


UTILITY KIT



USER MANUAL

המדריך למשתמש



UTILITY KIT

Utility Kit - A synth tool for modulation, combining a control voltage generator with a buffered multiple. What makes this kit interesting is that it generates chaotic control voltage, not random. This means it produces slow, non-repeating voltage slopes. It's especially useful for creating harsh noise walls with sounds that evolve slowly or have little movement.

The buffered multiple section is essential for replicating the slewed chaotic CV output (or other CV signals) three times, via the Mult In and its toggle switch. This allows you to modulate multiple modules simultaneously.

Specifications:

Power Consumption:

- * +12V / 30mA peak
* -12V / 7mA peak

Size:

- * 12HP width
* 21mm depth

Power Connection:

- * 10-pin (2x5) power header

CONTROLS

Chaotic CV Generator:

CHAOS - Adjusts the chaotic voltage movement and probability in a subtle way.

XY Switch - Determines whether the Slew Limiter output receives its voltage from the X or Y axis.

CV IN - Accepts an LFO signal, influencing the movement and probability of the chaotic voltage output.

XY OUT - Outputs chaotic CV signals for both X and Y. The X output changes more rapidly and noticeably compared to the Y output.

Slew Limiter:

Rise - Controls the rate at which the voltage increases. Turning this knob clockwise slows the upward transition, creating a glide or lag effect when the input voltage rises.

Fall - Controls the rate at which the voltage decreases. Turning this knob clockwise slows the downward transition, adding a lag when the input voltage drops. *Slew Out*: Provides the smoothed, gliding output of the chaotic CV.

Buffered Multi:

The Buffered Multi is a simple yet highly useful section of the Utility Kit. It has one input, which can be selected via toggle switch from either the Slew Out or an external CV source. This input is then replicated into three outputs, allowing for multiple modulation sources.

REMINDER:

- *For safety, turn off the power of your modular system first before connecting this module to the bus board.
- *Double check the polarity of the ribbon cable. The red line should match the -12V rail both on this module and on the bus board.
- *Although I put protections for the circuits in this module, i do not take any responsibility for the damages caused by wrong power supply connection nor application.
- *Use only the required power supply voltages and polarity. Double check everything, turn on your modular system, test the module, and enjoy! d[o-o]b

